



<http://www.mn-arts.org/>

## *August 2022 Edition*

### **August Meeting Minutes:**

**Bob Liesenfeld, WB0POQ**, called the meeting to order at the Minnetonka Community Center on August 6, 2022 at 1:05PM. 12 members were in attendance either in person or via Zoom..

- The meeting minutes for the June 2022 meetings were approved.
- The Treasurer was present but not called upon for a report.

### **Old Business:**

**Bob Liesenfeld, WB0POQ**, brought up planning for a Build-A-Thon. A suggestion has been made to hold an equipment repair session, particularly since the next Build-A-Thon would normally be at the November meeting which would be very short time for producing or procuring any kind of a kit as a project.

**Kevin Welna, W5LNA**, suggested a project using an arduino or PIC to produce a simple CW keyer for rigs that lack one. The project could be extended by including actually designing a PCB for the project and sending it out for fabrication.

A reminder: MnARTS is still looking for candidates for Vice-president and Member At Large. If you have an interest, please contact **Bob Liesenfeld, WB0POQ**.

### **New Business:**

No new business was brought up.

### **Show and Tell:**

**Tim Burd, WD9IGX**, brought in a box of precision wire wound resistors he thought might be useful as a means to check the functionality of DVMs. He invited everybody to help them selves.



**Bob Liesenfeld, WB0POQ**, brought in a 20 M superhet receiver he's been working on for about 28 years and described some of its features and his adventures with it.

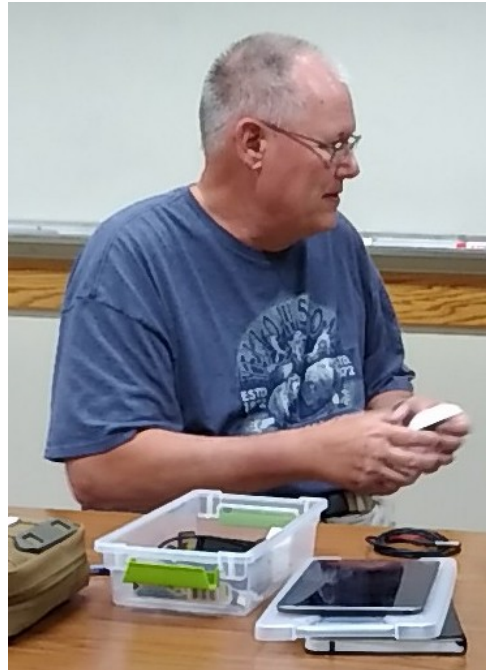


**Chuck Stroud, KA8HD**, brought in some odds and ends of abandoned projects and miscellaneous parts for anyone who would have a use for them.

**Mark Neuman, KL0ITP**, showed a temperature monitoring system built around a Pi Pico he has been working on.

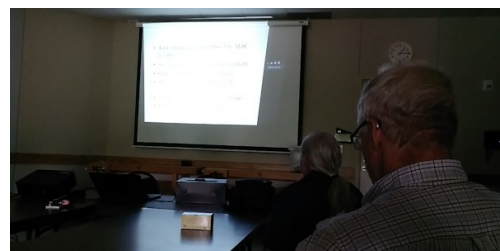


He also showed an AC power controller that normally would be controlled from an Iphone via wifi but can be modified to use a fixed IP and communicate with a Pi.



### Presentation:

The August technical presentation was provided by **Ed Fong, WB6IQN**, via zoom from Sunnyvale, CA. Ed described the different j-pole VHF and UHF antennas he has designed and sells as well as some of the theory behind the antenna. He also offered a special price on select antennas and accessories. If interested contact Bob Liesenfeld (contact info below).



**Next Meeting:**

Next meeting on September 3, 2022 at  
1PM, tentatively at the Minnetonka  
Community Center with Zoom.

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**Club Officers:**

*President: Bob Liesenfeld/WB0POQ*

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*Vice Pres:*

*Secretary: Bede Willenbring/WA0QNV*

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*Treasurer: Paul Bushouse/N0TYE*

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